

Date: 30 November 2015

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Solicitation #: VA26116B0020

Reference: **ADDENDUM NUMBER 1** - Correct Bldg. 650 Seismic Deficiencies & Renovate 1st Floor, VA
Northern Calif. Health Care Sys, Dept. of Veterans Affairs

Subject: Electrical Clarification

Drawing Reference: H101, H602

RFI: Per Mechanical drawings H101 & H602
Will all the new VAV boxes installed require individual 120v power for their operation?
There is nothing on the Electrical drawings showing any power to the VAV's

Response:

1. The VAV boxes specified require 120 volt. Single phase power.
2. Specification Number 23 09 23, paragraph 1.1 letter E, indicates that the power supply is assigned to division 23.
3. This addendum is modifying this table to assign electrical power connections to division 26 as follows:
 - a. A new drawing EP-103B has been created to show the power supply to all VAV boxes,
 - b. Drawing number EP-001 has been revised to show the additional circuits for the VAV boxes power.
 - c. Please note that this work has always been in Prime Contract. This addendum re-assigns the power supply to electrical contractor.

Best Regards,



Lorenzo Rios, P.E.
Vice President

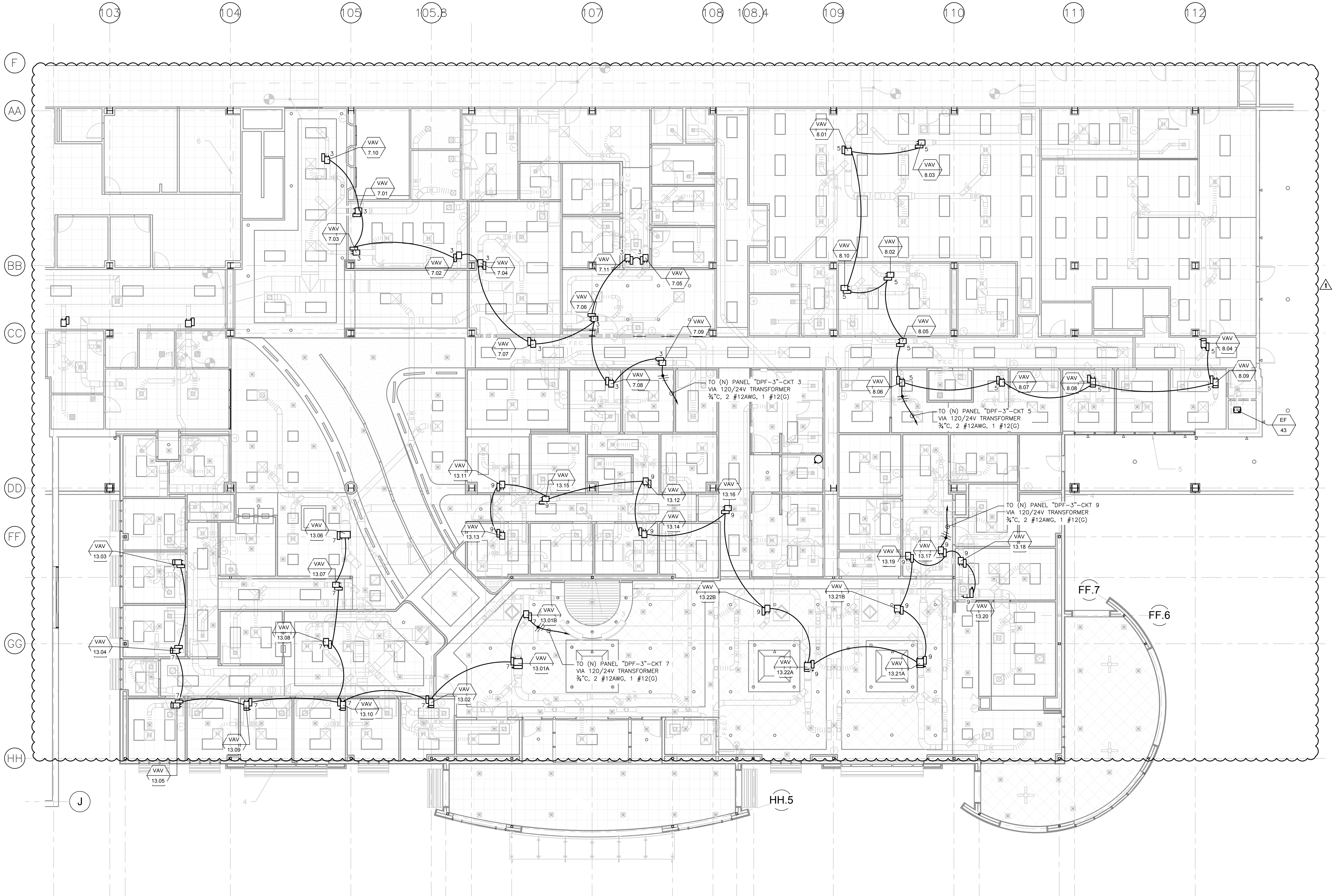
Attachments: CECI RFI No.: #003, CECI RFI No.: #004, and 23 09 23 Direct Digital Control System for HVAC.


- c. The contractor administered by this Section of the technical specifications shall provide a peer-to-peer networked, stand-alone, distributed control system. This direct digital control (DDC) system shall include one portable operator terminal - laptop, one digital display unit, microprocessor-based controllers, instrumentation, end control devices, wiring, piping, software, and related systems. This contractor is responsible for all device mounting and wiring.
- d. Responsibility Table:

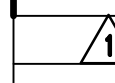
Item/Task	Section 23 09 23 contractor	Control system integrator	VA
ECC expansion		X	
ECC programming		X	
Devices, controllers, control panels and equipment	X		
Point addressing: all hardware and software points including setpoint, calculated point, data point(analog/ binary), and reset schedule point		X	
Point mapping		X	
Network Programming	X		
ECC Graphics		X	
Controller programming and sequences	X		
Integrity of LAN communications	X		
Electrical wiring (see note*)	X		
Operator system training		X	
LAN connections to devices	X		
LAN connections to ECC		X	
IP addresses			X
Overall system verification		X	
Controller and LAN system verification	X		

*120 Volt wiring to VAV boxes by electrical contractor 24 volt by 23 09 23.

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one eighth inch = one foot
one eighth inch = one foot

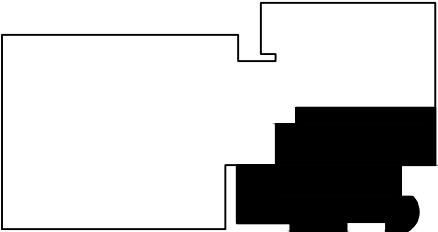


 **VAV EQUIPMENT POWER PLAN**
SCALE: 1/8" = 1'-0"

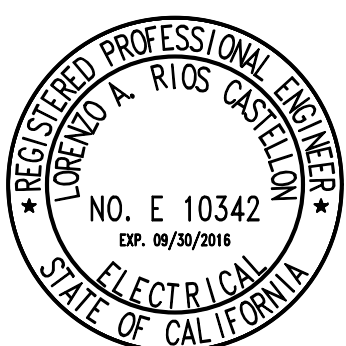
ISSUE FOR BID		
	ISSUE PER RFI 005 (13-324)	11/30/15
	ISSUE FOR BID (13-311)	12/23/14
	FINAL CONSTRUCTION DOCUMENTS (13-304)	9/19/14
	100% CONSTRUCTION DOCUMENTS (13-289)	7/17/14
	75% CONSTRUCTION DOCUMENTS (13-285)	6/27/14
	100% DESIGN DEVELOPMENT (13-266)	3/28/14
	100% SCHEMATIC DESIGN (13-237)	1/20/14
	50% SCHEMATIC DESIGN (13-227)	12/20/13
	PROGRESS REPORT	11/12/13
Revisions:		Date

CONSULTANTS:

KEY PLAN



STAMP



ARCHITECT/ENGINEERS:



ATTENTION:

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PO# 13-308-29

Drawing Title
**ELECTRICAL
VAV EQUIPMENT POWER PLAN**

Approved: Project Director

Project Title
**VA MEDICAL CENTER, MATHERS CA
BUILDING 650, 1ST FLOOR RENOVATION
AND EXPANSION**

Location
10535 HOSPITAL WAY, MATHER, CA.

Date
Checked
R. RIOS
Drawn
J. AGUIRRE

Project Number
612-126

Building Number
650

Drawing Number
EP103B

**Office of
Facilities
Management**

 Department of
Veterans Affairs